

FORM PTO-1449

JUN 23 2003

ATTY. DOCKET NO.
1744.1330000APPLICATION NO.
09/986,764APPLICANT
Rawlins et al.FILING DATE
November 9, 2001GROUP
2631

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
Dr.	AC50	3,246,084	04/1966	Kryter			
	AD50	3,702,440	11/1972	Moore			
	AE50	3,767,984	10/1973	Shinoda et al.			
	AF50	3,852,530	12/1974	Shen			
	AG50	4,220,977	09/1980	Yamanaka			
	AH50	5,016,242	05/1991	Tang			
Dr.	AI50	5,937,013	08/1999	Lam et al.			

RECEIVED

JUN 24 2003

Technology Center 2600

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
Dr.	AK20	DE 196 27 640 A1	01/1997	DE	H03D	7/12	No
Dr.	AL20	EP 0 087 336 A1	08/1983	EP	H03D	7/12	No
Dr.	AM20	EP 0 087 336 B1	07/1986	EP	H03D	7/12	No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

Dr.	AP	56	Razavi, B., "A 900-MHz/1.8-GHz CMOS Transmitter for Dual-Band Applications," <i>Symposium on VLSI Circuits Digest of Technical Papers</i> , IEEE, pp. 128-131 (1998).
Dr.	AQ	56	Ritter, G.M., "SDA, A New Solution for Transceivers," <i>16th European Microwave Conference</i> , Microwave Exhibitions and Publishers, pp. 729-733 (September 8, 1986).
Dr.	AR	56	DIALOG File 351 (Derwent WPI) English Language Patent Abstract for FR 2 669 787, 1 page (May 29, 1992-Date of publication of application).

EXAMINER

DATE CONSIDERED

1/28/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
1744.1330000APPLICATION NO.
09/986,764APPLICANT
Rawlins et al.FILING DATE
November 9, 2001GROUP
2631

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
Dr.	AA51	6,014,551	01/2000	Pesola et al.			
	AB51	6,073,001	06/2000	Sokoler			05/08/1998
	AC51	6,085,073	07/2000	Palermo et al.			03/02/1998
	AD51	6,400,963 B1	06/2002	Glöckler et al.			05/21/1999
	AE51	6,230,000 B1	05/2001	Tayloe			10/15/1998
	AF51	5,483,695	01/1996	Pardoen			
	AG51	6,542,722 B1	04/2003	Sorrells et al.			04/16/1999
	AH51	6,560,301 B1	05/2003	Cook et al.			04/16/1999
Dr.	AI51	6,098,046	08/2000	Cooper et al.			06/29/1998

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
Dr.	AJ21	EP 0 789 449 A2	08/1997	EP	H03D	7/12	N/A
Dr.	AK21	FR 2 669 787 A1	05/1992	FR	H03D	7/14	No
Dr.	AL21	GB 2 324 919 A	11/1998	GB	H03D	7/18	N/A
Dr.	AM21	JP 61-30821	02/1986	JP	H04B	1/10	No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

Dr.	AN	57	Akos, D.M. et al., "Direct Bandpass Sampling of Multiple Distinct RF Signals," <i>IEEE Transactions on Communications</i> , IEEE, Vol. 47, No. 7, pp. 983-988 (July 1999).
	AO	57	Patel, M. et al., "Bandpass Sampling for Software Radio Receivers, and the Effect of Oversampling on Aperture Jitter," <i>VTC 2002, IEEE</i> , pp. 1901-1905 (2002).
	AP	57	English-language Abstract of Japanese Patent Publication No. 61-030821, from http://www1.ipdl.jpo.go.jp , 1 Page (February 13, 1986- Date of publication of application).
	AQ	57	English-language Abstract of Japanese Patent Publication No. 05-327356, from http://www1.ipdl.jpo.go.jp , 1 Page (December 10, 1993 - Date of publication of application).
Dr.	AR	57	Tayloe, D., "A Low-noise, High-performance Zero IF Quadrature Detector/Preamplifier," <i>RF Design</i> , Primedia Business Magazines & Media, Inc., pp. 58, 60, 62 and 69 (March 2003).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

ATTY. DOCKET NO.
1744.1330000APPLICATION NO.
09/986,764APPLICANT
Rawlins et al.FILING DATE
November 9, 2001GROUP
2631

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
Dr.	AA52	5,410,326	04/1995	Goldstein			
	AB52	5,956,025	09/1999	Goulden et al.			
	AC52	6,127,941	10/2000	Van Ryzin			02/03/1998
	AD52	5,564,097	10/1996	Swanke			
Dr.	AE52	5,898,912	04/1999	Heck et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
Dr.	AJ22	JP 5-327356	12/1993	JP	H03D	7/00	No
	AK22	EP 0 643 477 A2 & A3	03/1995	EP	H03D	7/16	N/A
	AL22	EP 0 877 476 A1	11/1998	EP	H03D	7/16	N/A
Dr.	AM22	EP 0 977 351 A1	02/2000	EP	H03D	7/16	N/A

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

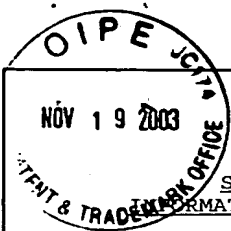
Dr.	AN	58	Dines, J.A.B., "Smart Pixel Optoelectronic Receiver Based on a Charge Sensitive Amplifier Design," <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , IEEE, Vol. 2, No. 1, pp. 117-120 (April 1996).				
	AO	58	Simoni, A. et al., "A Digital Camera for Machine Vision," <i>20th International Conference on Industrial Electronics, Control and Instrumentation</i> , IEEE, pp. 879-883 (September 1994).				
	AP	58	Stewart, R.W. and Pfann, E., "Oversampling and sigma-delta strategies for data conversion," <i>Electronics & Communication Engineering Journal</i> , IEEE, pp. 37-47 (February 1998).				
Dr.	AQ	58	Rudell, J.C. et al., "A 1.9-GHz Wide-Band IF Double Conversion CMOS Receiver for Cordless Telephone Applications," <i>IEEE Journal of Solid-State Circuits</i> , IEEE, Vol. 32, No. 12, pp. 2071-2088 (December 1997).				

EXAMINER

DATE CONSIDERED

1/28/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



NOV 19 2003

FORM PTO-1449

SECOND SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
1744.1330000APPLICATION NO.
09/986,764APPLICANT
Rawlins et al.FILING DATE
November 9, 2001GROUP
2631

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
Dr.	AF52	4,660,164	04/1987	Leibowitz			
Dr.	AG52	6,580,902 B1	06/2003	Sorrells et al.			
Dr.	AH52	5,751,154	05/1998	Tsugai			
Dr.	AI52	5,793,817	08/1998	Wilson			

RECEIVED

NOV 21 2003

Technology Center 2600

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
Dr.	AJ23	WO 00/31659 A1	06/2000	PCT			N/A
Dr.	AK23	JP 9-36664	02/1997	JP			No
	AL						
	AM						

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)


	AN		
	AO		
	AP		
	AQ		
Dr.	AR	58	English-language Abstract of Japanese Patent Publication No. 09-036664, from http://www1.ipdl.jpo.go.jp , 2 Pages (February 7, 1997 - Date of publication of application).

EXAMINER

DATE CONSIDERED

2/2/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

	FORM PTO-1449		ATTY. DOCKET NO. 1744.1330000	APPLICATION NO. 09/986,764
	SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		APPLICANT Rawlins et al.	
			FILING DATE November 9, 2001	GROUP 2631

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
Dr.	AA53	6,225,848 B1	05/2001	Tilley et al.			
	AB53	6,313,685 B1	11/2001	Rabii			
	AC53	3,614,627	10/1971	Runyan et al.			
	AD53	3,940,697	02/1976	Morgan			
	AE53	4,016,366	04/1977	Kurata			
	AF53	4,045,740	08/1977	Baker			
	AG53	4,115,737	09/1978	Hongu et al.			
	AH53	5,710,992	01/1998	Sawada et al.			
Dr.	AI53	5,790,587	08/1998	Smith et al.			

RECEIVED

NOV 21 2003

Technology Center 2600

FOREIGN PATENT DOCUMENTS

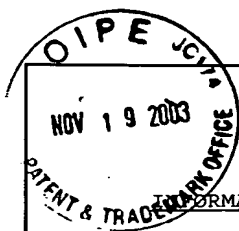
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AJ						
	AK						
	AL						
	AM						

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AN		
	AO		
	AP		
	AQ		
	AR		

EXAMINER 	DATE CONSIDERED 2/2/04
--	------------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449

SECOND SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
1744.1330000APPLICATION NO.
09/986,764APPLICANT
Rawlins et al.FILING DATE
November 9, 2001GROUP
2631

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
Jv.	AA54	4,740,675	04/1988	Brosnan et al.			
	AB54	5,483,600	01/1996	Werrbach			
	AC54	6,011,435	01/2000	Takeyabu et al.			
	AD54	6,321,073 B1	11/2001	Luz et al.			
	AE54	6,026,286	02/2000	Long			
	AF54	6,178,319 B1	01/2001	Kashima			
	AG54	6,634,555 B1	10/2003	Sorrells et al.			
	AH54	3,736,513	05/1973	Wilson			
Jv.	AI54	4,488,119	12/1984	Marshall			

RECEIVED

NOV 21 2003

Technology Center 2600

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AJ						
	AK						
	AL						
	AM						

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AN		
	AO		
	AP		
	AQ		
	AR		

EXAMINER

DATE CONSIDERED

2/2/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449

SECOND SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
1744.1330000APPLICATION NO.
09/986,764APPLICANT
Rawlins et al.FILING DATE
November 9, 2001GROUP
2631

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
dv.	AA55	4,633,510	12/1986	Suzuki et al.			
	AB55	5,369,789	11/1994	Kosugi et al.			
	AC55	5,416,449	05/1995	Joshi			
	AD55	5,438,329	08/1995	Gastouniotis et al.			
	AE55	6,611,569 B1	08/2003	Schier et al.			
dv.	AF55	6,647,250 B1	11/2003	Bultman et al.			
	AG						
	AH						
	AI						

RECEIVED

NOV 21 2003

Technology Center 2600

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AJ						
	AK						
	AL						
	AM						

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AN		
	AO		
	AP		
	AQ		
	AR		

EXAMINER

DATE CONSIDERED

2/2/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.